SONY

Cyber-shot

Digital Still Camera

Instruction Manual

DSC-H50

GB

For details on advanced operations, please read ***"Cyber-shot Handbook"*** (PDF) and ***"Cyber-shot Step-up Guide"*** on the CD-ROM (supplied) using a computer.

Operating Instructions

Before operating the unit, please read this manual thoroughly, and retain it for future reference.

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3-295-472-**11**(1)

Owner's Record

The model and serial numbers are located on the bottom. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

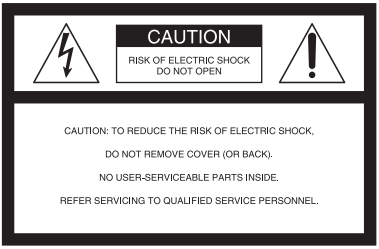
Model No. DSC-H50

Serial No. _____

WARNING

To reduce fire or shock hazard, do not expose the unit to rain or moisture.

For Customers in the U.S.A.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFEGUARDS

For your protection, please read these safety instructions completely before operating the appliance, and keep this manual for future reference.
Carefully observe all warnings, precautions and instructions on the appliance, or the one described in the operating instructions and adhere to them.

Use

Power Sources

This set should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of electrical power supplied to your home, consult your dealer or local power company. For those sets designed to operate from battery power, or other sources, refer to the operating instructions.

Polarization

This set may be equipped with a polarized ac power cord plug (a plug having one blade wider than the other).

This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to have a suitable outlet installed. Do not defeat the safety purpose of the polarized plug by forcing it in.

Overloading

Do not overload wall outlets, extension cords or convenience receptacles beyond their capacity, since this can result in fire or electric shock.

Object and Liquid Entry

Never push objects of any kind into the set through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the set.

Attachments

Do not use attachments not recommended by the manufacturer, as they may cause hazards.

Cleaning

Unplug the set from the wall outlet before cleaning or polishing it. Do not use liquid cleaners or aerosol cleaners. Use a cloth lightly dampened with water for cleaning the exterior of the set.

Installation

Water and Moisture

Do not use power-line operated sets near water – for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.

Power-Cord Protection

Route the power cord so that it is not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the plugs, receptacles, and the point where the cord exits from the appliance.

Accessories

Do not place the set on an unstable cart, stand, tripod, bracket, or table. The set may fall, causing serious injury to a child or an adult, and serious damage to the set. Use only a cart, stand, tripod, bracket, or table recommended by the manufacturer.

Ventilation

The slots and openings in the cabinet are provided for necessary ventilation. To ensure reliable operation of the set, and to protect it from overheating, these slots and openings must never be blocked or covered.

– Never cover the slots and openings with a cloth or other materials.
– Never block the slots and openings by placing the set on a bed, sofa, rug, or other similar surface.
– Never place the set in a confined space, such as a bookcase, or built-in cabinet, unless proper ventilation is provided.
– Do not place the set near or over a radiator or heat register, or where it is exposed to direct sunlight.

Lightning

For added protection for this set during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power-line surges.

Service

Damage Requiring Service

Unplug the set from the wall outlet and refer servicing to qualified service personnel under the following conditions:

– When the power cord or plug is damaged or frayed.
– If liquid has been spilled or objects have fallen into the set.
– If the set has been exposed to rain or water.
– If the set has been subject to excessive shock by being dropped, or the cabinet has been damaged.
– If the set does not operate normally when following the operating instructions. Adjust only those controls that are specified in the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the set to normal operation.
– When the set exhibits a distinct change in performance – this indicates a need for service.

Servicing

Do not attempt to service the set yourself as opening or removing covers may expose you to dangerous voltage or other hazards.

Refer all servicing to qualified service personnel.

Replacement parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original parts.

Unauthorized substitutions may result in fire, electric shock, or other hazards.

Safety Check

Upon completion of any service or repairs to the set, ask the service technician to perform routine safety checks (as specified by the manufacturer) to determine that the set is in safe operating condition.

CAUTION

Replace the battery with the specified type only. Otherwise, fire or injury may result.

Do not expose the batteries to excessive heat such as sunshine, fire or the like.

For Customers in the U.S.A. and Canada

RECYCLING LITHIUM-ION BATTERIES

Lithium-Ion batteries are recyclable.

You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit http://www.rbrc.org/

Caution: Do not handle damaged or leaking Lithium-Ion batteries.

Battery charger

This power unit is intended to be correctly orientated in a vertical or floor mount position.

For Customers in the U.S.A.

If you have any questions about this product, you may call:

Sony Customer Information Center
1-800-222-SONY (7669)

The number below is for the FCC related matters only.

Regulatory Information

Declaration of Conformity

Trade Name: SONY

Model No.: DSC-H50

Responsible Party: Sony Electronics Inc.

Address: 16530 Via Esprillo,
San Diego, CA 92127U.S.A.

Telephone No.: 858-942-2230

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

The supplied interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

For the State of California, USA only

Perchlorate Material - special handling may apply, See
www.dtsc.ca.gov/hazardouswaste/perchlorate
Perchlorate Material: Lithium battery contains perchlorate.

For Customers in Europe

This product has been tested and found compliant with the limits set out in the EMC Directive for using connection cables shorter than 3 meters (9.8 feet).

Attention

The electromagnetic fields at the specific frequencies may influence the picture and sound of this unit.

Notice

If static electricity or electromagnetism causes data transfer to discontinue midway (fail), restart the application or disconnect and connect the communication cable (USB, etc.) again.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Applicable Accessory: Remote Control

Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste.

By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely.

Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Notice for the customers in the countries applying EU Directives

The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

Notice for customers in the United Kingdom

A moulded plug complying with BS 1363 is fitted to this equipment for your safety and convenience.

Should the fuse in the plug supplied need to be replaced, a fuse of the same rating as the supplied one and approved by ASTA or BSI to BS 1362, (i.e., marked with an ⓐ or ♡ mark) must be used.

If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover. If you should lose the fuse cover, please contact your nearest Sony service station.

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Notes on using the camera

Internal memory and “Memory Stick Duo” back up

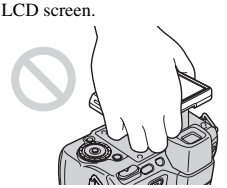
Do not turn off the camera, remove the battery pack, or remove the “Memory Stick Duo” while the access lamp is lit. Otherwise, the internal memory data or “Memory Stick Duo” may be damaged. Be sure to make a backup copy to protect your data.

Notes on recording/playback

- Before you start recording, make a trial recording to make sure that the camera is working correctly.
- The camera is neither dust-proof, nor splash-proof, nor water-proof. Read “Precautions” (page 41) before operating the camera.
- Avoid exposing the camera to water. If water enters inside the camera, a malfunction may occur. In some cases, the camera cannot be repaired.
- Do not aim the camera at the sun or other bright light. It may cause the malfunction of the camera.
- Do not use the camera near a location that generates strong radio waves or emits radiation. Otherwise, the camera may not properly record or play back images.
- Using the camera in sandy or dusty locations may cause malfunctions.
- If moisture condensation occurs, remove it before using the camera (page 41).
- Do not shake or strike the camera. It may cause a malfunction and you may not be able to record images. Furthermore, the recording media may become unusable or image data may be damaged.
- Clean the flash surface before use. The heat of flash emission may cause dirt on the flash surface to become discolored or to stick to the flash surface, resulting in insufficient light emission.

Notes on the LCD screen, the LCD finder and lens

- The LCD screen and the LCD finder are manufactured using extremely high-precision technology so over 99.99% of the pixels are operational for effective use. However, some tiny black and/or bright dots (white, red, blue or green) may appear on the LCD screen or the LCD finder. These dots are a normal result of the manufacturing process, and do not affect the recording.
- When the battery level becomes low, the lens might stop moving. Insert a charged battery pack and turn on the camera again.
- Do not hold the camera by taking hold of the LCD screen.



On image data compatibility

- The camera conforms with DCF (Design rule for Camera File system) universal standard established by JEITA (Japan Electronics and Information Technology Industries Association).
- Sony does not guarantee that the camera will play back images recorded or edited with other equipment, or that other equipment will play back images recorded with the camera.

Warning on copyright

Television programs, films, videotapes, and other materials may be copyrighted. Unauthorized recording of such materials may be contrary to the provisions of the copyright laws.

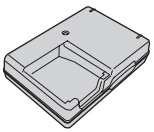
No compensation for damaged content or recording failure

Sony cannot compensate for failure to record or loss or damage of recorded content due to a malfunction of the camera or recording media, etc.

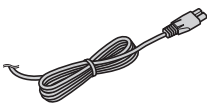
Getting started

Checking the accessories supplied

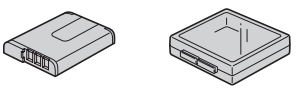
- Battery charger BC-CSGB/BC-CSGC (1)



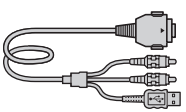
- Power cord (mains lead) (1)
  (not supplied in the USA and Canada)



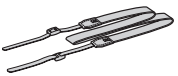
- Rechargeable battery pack NP-BG1 (1)/
  Battery case (1)



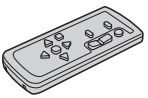
- USB, A/V cable for multi-use terminal (1)



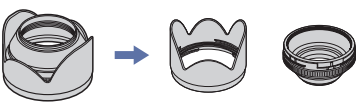
- Shoulder strap (1)



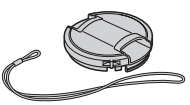
- Remote Control (1)



- Lens hood (1)/Adaptor ring (1)

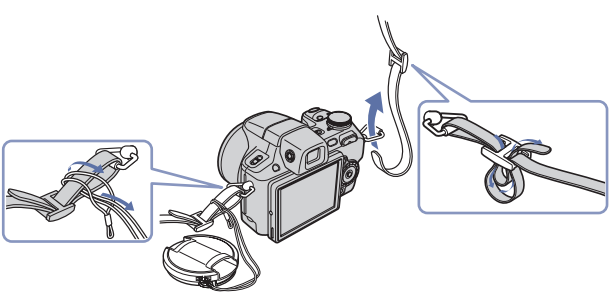


- Lens cap (1)/Lens cap strap (1)



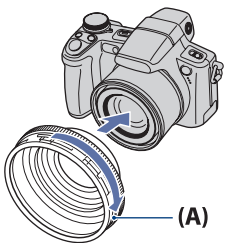
- CD-ROM (1)
  - Cyber-shot application software
  - “Cyber-shot Handbook”
  - “Cyber-shot Step-up Guide”
- Instruction Manual (this manual) (1)

Attach the shoulder strap and lens cap strap to prevent the camera from being dropped and damaged.

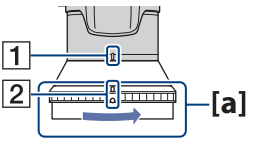


Attaching the lens hood

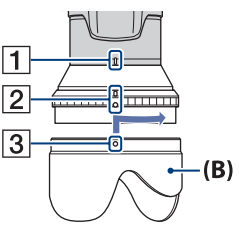
1



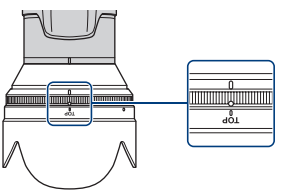
2



3



4



1 Attach the adaptor ring **(A)** while the power is off.

2 Turn the area of **[a]** on the adaptor ring in the direction of the arrow and position the indicator of 1 to the indicator of 2.

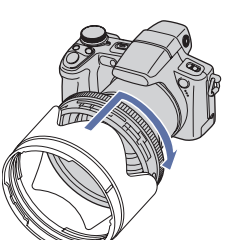
3 Position the indicator of 3 on the lens hood **(B)** to the indicator of 2 and attach the lens hood. Turn the lens hood in the direction of the arrow until it clicks.

4 Check that the "TOP" indication is positioned as shown in the illustration.
The lens hood will be attached correctly as shown in the illustration.

• After the lens hood **(B)** is attached, the area of **[a]** on the adaptor ring will not turn. If the lens hood is attached misaligned, dark shadows will appear on the corners of the screen. Remove the lens hood once and start again from step 2.

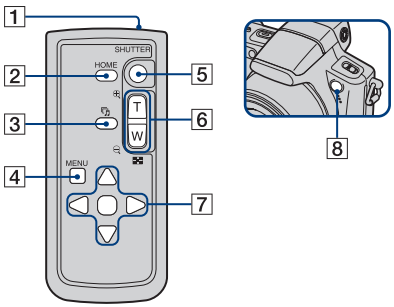
Storing the lens hood

Position the lens hood as shown on the right and turn the lens hood clockwise until it clicks.



Remote Control

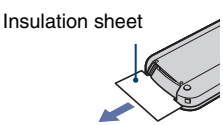
Using the Remote Control, you can easily operate the camera.



1 Transmitter
2 HOME button
3 (Slideshow) button
4 MENU button
5 SHUTTER button
6 for shooting: Zoom (W/T) button
for viewing: /(playback zoom)/ (Index) button
7 Control button
8 Remote sensor

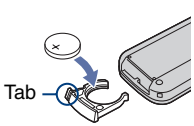
Note

Remove the insulation sheet before using the Remote Control.



To change the battery of the Remote Control

1 While pressing on the tab, inset your fingernail into the slit to pull out the battery case.
2 Place a new battery with the + side facing up.
3 Insert the battery case back into the Remote Control until it clicks.



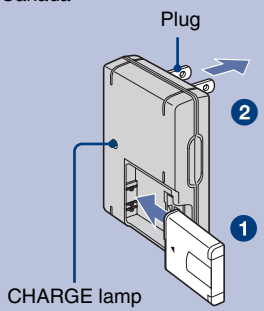
WARNING

Battery may explode if mistreated. Do not recharge, disassemble or dispose of in fire.

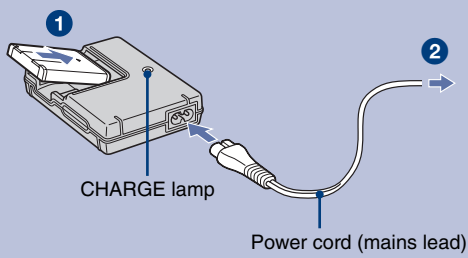
- When the lithium battery becomes weak, the operating distance of the Remote Control may shorten, or the Remote Control may not function properly. In this case, replace the battery with a Sony CR2025 lithium battery.
  Use of another battery may present a risk of fire or explosion.

1 Preparing the battery pack

For customers in the USA and Canada



For customers in countries/regions other than the USA and Canada



1 Insert the battery pack into the battery charger.

2 Connect the battery charger to the wall outlet (wall socket).

The CHARGE lamp lights up, and charging starts.

When the CHARGE lamp turns off, charging is finished (Normal charge).

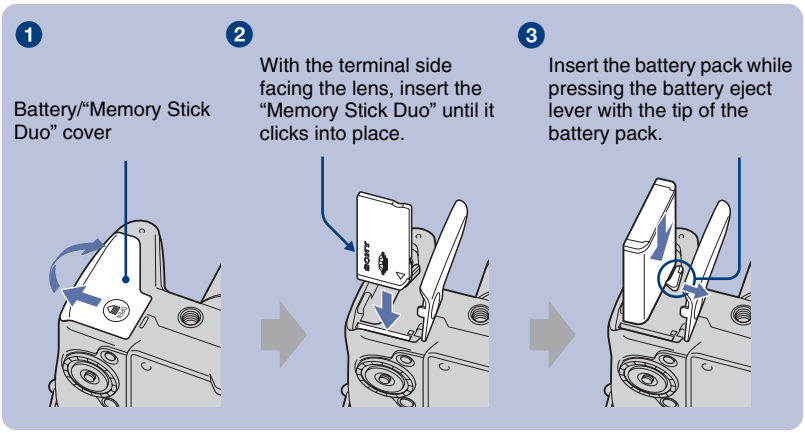
If you continue charging the battery pack for about one more hour (Full charge), the charge will last slightly longer.

Charging time

Full charge	Normal charge
Approx. 330 min.	Approx. 270 min.

- The table above shows the time required to charge a fully depleted battery pack at a temperature of 25 °C (77 °F). Charging may take longer depending on conditions of use and circumstances.
- See page 36 for the number of images that can be recorded.
- Connect the battery charger to the nearest wall outlet (wall socket).
- Even if the CHARGE lamp is not lit, the battery charger is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet (wall socket). If some trouble occurs while using the battery charger, immediately shut off the power by disconnecting the plug from the wall outlet (wall socket).
- When charging is finished, disconnect the power cord (mains lead) from the wall outlet (wall socket), and remove the battery pack from the battery charger.
- Designed for use with compatible Sony batteries.

2 Inserting the battery pack/a “Memory Stick Duo” (not supplied)


1
Battery/“Memory Stick Duo” cover
2
With the terminal side facing the lens, insert the “Memory Stick Duo” until it clicks into place.
3
Insert the battery pack while pressing the battery eject lever with the tip of the battery pack.

1 Open the battery/“Memory Stick Duo” cover.

2 Insert the “Memory Stick Duo” (not supplied).

3 Insert the battery pack.

4 Close the battery/“Memory Stick Duo” cover.

When there is no “Memory Stick Duo” inserted

The camera records/plays back images using the internal memory (approx. 15 MB).

To check the remaining battery charge

Press POWER to turn on and check the remaining battery charge on the LCD screen.

Remaining charge indicator					
Status	Sufficient power remaining	Battery almost fully charged	Battery half full	Battery low, recording/ playback will stop soon.	Change the battery with fully charged one, or charge the battery. (The warning indicator flashes.)

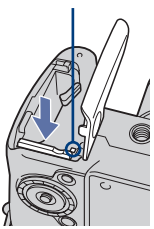
- If you use the NP-FG1 battery pack (not supplied), the minutes also appear after the battery remaining indicator (60 Min).
- It takes about one minute until the correct remaining charge indicator appears.
- The remaining charge indicator may not be correct depending on conditions of use and circumstances.
- The Clock Set screen appears when you turn on the camera for the first time (page 15).

To remove the battery pack/“Memory Stick Duo”

Open the battery/“Memory Stick Duo” cover.

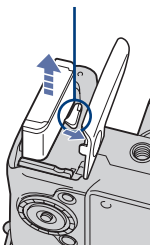
“Memory Stick Duo”

Make sure that **the access lamp** is not lit, then push the “Memory Stick Duo” in once.



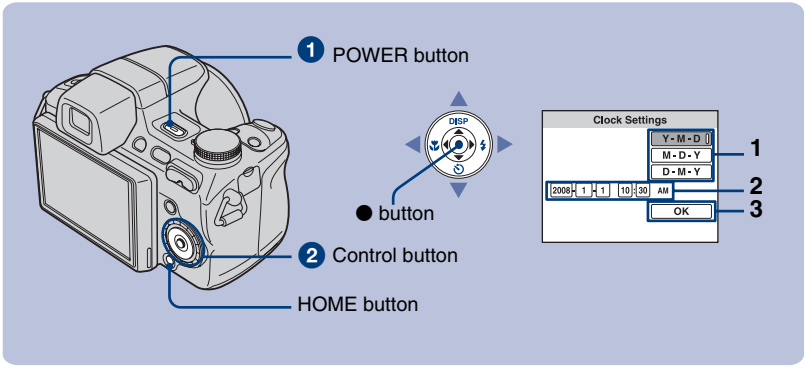
Battery pack

Slide **the battery eject lever**. Be sure not to drop the battery pack.



• Never remove the battery pack/“Memory Stick Duo” when the access lamp is lit. This may cause damage to data in the “Memory Stick Duo”/internal memory.

3 Turning the camera on/setting the clock



1 Press POWER.

2 Set the clock with the control button.

1 Select the date display format with ▲/▼, then press ●.
2 Select each item with ◀/▶ and set the numeric value with ▲/▼, then press ●.
3 Select [OK], then press ●.

- The camera does not have a feature for superimposing dates on images. By using “Picture Motion Browser” in the CD-ROM (supplied), you can print or save images with the date.
- Midnight is indicated as 12:00 AM, and noon as 12:00 PM.

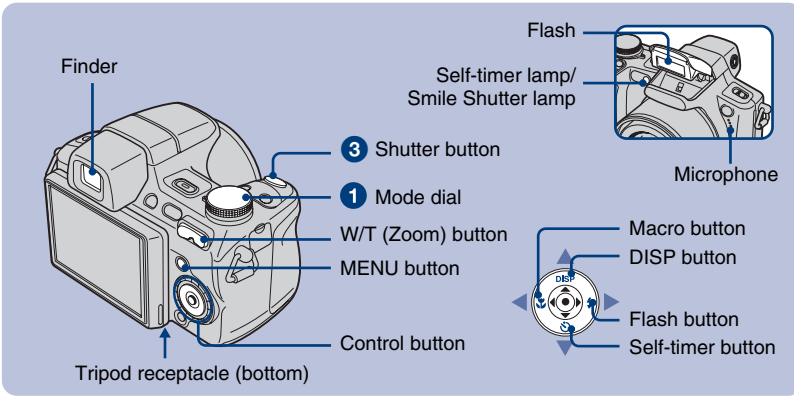
To change the date and time

Press HOME, and select [Clock Settings] in (Settings) (pages 26, 27).

Notes on when the power is turned on

- Once the battery pack is inserted in the camera, it may take time before operation becomes possible.
- If the camera is running on battery power and you do not operate the camera for about three minutes, the camera turns off automatically to prevent wearing down the battery pack (Auto power-off function).

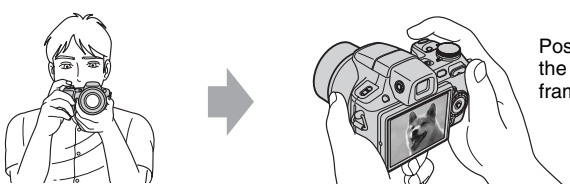
Shooting images easily



1 Select the desired function from the mode dial.

When shooting still images (Auto Adjustment mode): Select .
When shooting movies: Select .

2 Hold the camera, with your elbows pressed against your body to steady it.



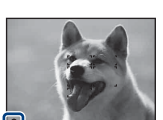
Position the subject in the center of the focus frame.

3 Shoot with the shutter button.

When shooting still images:

1 Press and hold the shutter button halfway down to focus.
The ● (AE/AF lock) indicator (green) flashes, a beep sounds, the indicator stops flashing and remains lit.

2 Press the shutter button fully down.



AE/AF lock indicator

When shooting movies:

Press the shutter button fully down.
To stop recording, press the shutter button fully down again.

• The shortest shooting distance is approximately 1 cm (13/32 inches) (W)/120 cm (3 feet 11 1/4 inches) (T) (from the front of the lens).

Using the mode dial

Set the mode dial to the desired function.

Auto Adjustment

Allows you to shoot with the settings adjusted automatically.

EASY Easy Shooting

Allows easy shooting with easy-to-see indicators.

- The battery power decreases faster because the brightness of the LCD backlight automatically increases.
- You cannot shoot images using the finder.

P Program Auto

Allows you to shoot with the exposure adjusted automatically (both the shutter speed and the aperture value). You can adjust other settings using the menu.

S Shutter Speed Priority Shooting

Allows you to shoot after adjusting the shutter speed manually.

A Aperture Priority Shooting

Allows you to shoot after adjusting the aperture value manually.

M Manual Exposure Shooting

Allows you to shoot after adjusting the exposure manually.

Movie Mode

Allows you to record movies with audio.

ISO High Sensitivity

Shoots images without a flash even in low lighting.

Smile Shutter

When the camera detects a smile, the shutter is released automatically. For details, see page 20.

Portrait

Shoots with backgrounds blurred away, and the subject is sharpened.

Advanced Sports Shooting

Shoots images by predicting the movement of the subject and setting focus.

SCN* Scene Selection

Selects a setting from the Scene Selection menu.

* Scene Selection in SCN mode

Press MENU and select a setting.

Landscape

Shoots with the focus on a distant subject.

Twilight Portrait

Shoots sharp images of people in a dark place without losing the nighttime atmosphere.

Twilight

Shoots night scenes without losing the nighttime atmosphere.

Beach

Shoots seaside or lakeside scenes with the blueness of the water captured more vividly.

Snow

Shoots snow scenes in white more clearly.

Fireworks

Shoots fireworks in all their splendor.

W/T Using the zoom

Press T to zoom, press W to undo zoom.
Pressing the button slightly zooms slowly and pressing the button fully down zooms fast.

Flash (Selecting a flash mode for still images)

Press ▶ (⚡) on the control button repeatedly until the desired mode is selected.

⚡AUTO : Flash Auto

Flashes when there is insufficient light or backlight (default setting).

⚡ : Flash forced on

⚡SL : Slow synchro (Flash forced on)

The shutter speed is slow in a dark place to clearly shoot the background that is out of flash light.

⊘⚡ : Flash forced off

• The flash automatically pops up and strobes. Close the flash by hand after use.

Macro (Shooting close-up)

Press ◀ (🌷) on the control button repeatedly until the desired mode is selected.

🌷AUTO : Auto

The camera adjusts the focus automatically from distant subjects to close-up.
Normally, put the camera in this mode.

🌷 : Macro

The camera adjusts the focus with priority on close-up subjects. Set Macro On when shooting close subjects.

Using the self-timer

Press ▼ (⏲) on the control button repeatedly until the desired mode is selected.

⏲OFF : Not using the self-timer

⏲10 : Setting the 10-second delay self-timer

⏲2 : Setting the 2-second delay self-timer

When you press the shutter button, the self-timer lamp flashes and a beep sounds until the shutter operates.

DISP Changing the screen display

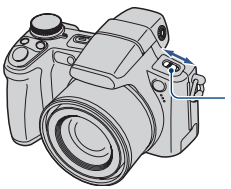
Press ▲ (DISP) on the control button.
Each time you press ▲ (DISP), the display and brightness changes as follows:

Indicators on
↓
Indicators on*
↓
Histogram on*
↓
Indicators off*

* The brightness of the LCD Backlight is set to up.

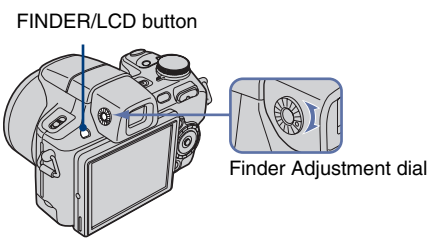
Shooting in the dark

The Night Shot function lets you shoot subjects in the dark places without using the flash. Set NIGHTSHOT switch to ON.



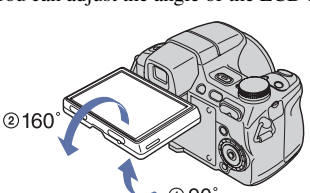
To shoot using the finder

With the FINDER/LCD button, you can choose to shoot either using the finder or the LCD screen. When you use the finder, the image does not appear on the LCD screen. Adjust the finder adjustment dial to your eyesight so that the image appears clearly within the finder, then shoot the image.



Adjusting the angle of the LCD screen

You can adjust the angle of the LCD screen to meet various shooting situation.



• Forcing the LCD screen to move over the range of movement may cause malfunction.

Shooting in Smile Shutter mode

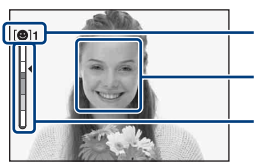
When the camera detects a smile, the shutter is released automatically.

1 Select ☺ (Smile Shutter) mode from the mode dial.

2 Point the camera at the subject and press the shutter button halfway down to focus on the subject.

3 Press the shutter button all the way down to set Smile Detection mode.

The Smile Shutter enters standby.



Smile Detection mark/Number of images

Smile Detection frame (Orange)

Smile Detection Sensitivity indicator
This indicates the current smile level.

Each time the smile level reaches the set Smile Detection Sensitivity (indicated by ◀), the camera automatically operates the shutter and records up to six images. After recording the image, the Smile Shutter lamp lights.

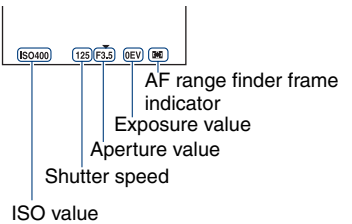
4 Press the shutter button all the way down again to exit the Smile Shutter mode.

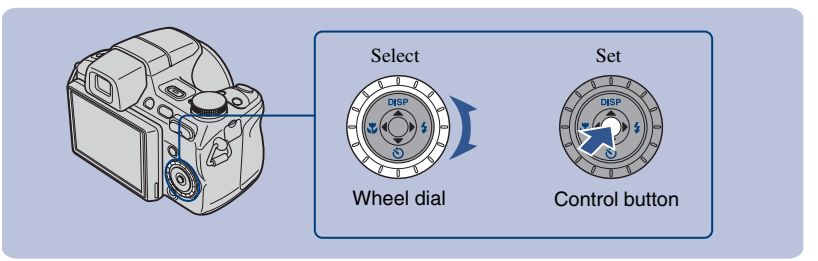
- When the Smile Shutter is in standby, the Record lamp (Orange) flashes.
- Shooting using the Smile Shutter ends automatically when either the “Memory Stick Duo” or internal memory becomes full or when six images have been recorded.
- You can select the subject that has priority for smile detection with [Smile Detection] (page 29).
- If a smile is not detected, set the [Smile Detection Sensitivity] (page 29).
- You can have the camera shoot the image automatically when any person displayed in the smile detection frame (Orange) smiles after pressing the shutter button all the way down.
- The image may not be in focus if the distance between the camera and the subject is changed after pressing the shutter button all the way down. The suitable exposure may not be obtained if the surrounding brightness changes.
- Faces may not be detected correctly when:
  - It is too dark or too bright.
  - Faces are partially hidden by sunglasses, masks, hats, etc.
  - The subjects are not facing the camera.
- Smiles may not be detected correctly depending on the conditions.
- You cannot use the Digital Zoom function.
- You cannot change the zoom ratio when the Smile Shutter is in standby.

Using the wheel dial

You can change the following settings by using the wheel dial.

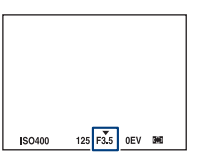
- ISO value
- Shutter speed
- Aperture value
- Exposure value (EV)
- AF range finder frame indicator
  - – When manual focus is selected, the distance which the focus is set is adjusted.





To select the item

1 Turn the wheel dial to select the item you want to set.
Move the yellow indication ▼ to select the item.

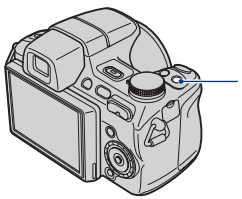


2 Press ● on the control button.
The value turns yellow.
Turn the wheel dial to set the value while the value is displayed in yellow.
The displayed value is set.

3 To set other items, press ● and then perform the following operations.
Items that cannot be selected are displayed as gray.

Shooting with Burst mode/Bracket mode

Selects whether the camera performs Burst/Bracket shooting or not when you press the shutter button.
Press /BRK (REC Mode) button repeatedly until the desired mode is selected.



: Normal

Does not shoot continuously.

: Burst

Records up to 100 images in succession while you press and hold down the shutter button.

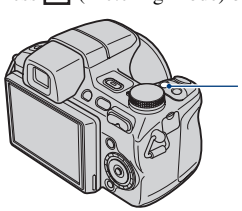
BRK: Bracket

Records a series of three images in a bracket shooting type selected from Exposure, White Balance, or Color Mode.

- Set the bracket type using [Bracket Set] in the menu screen (page 29).
- The flash is set to (Flash forced off).

Selecting the metering mode

Selects the metering mode that sets which part of the subject to measure the brightness, to determine the exposure.
Press (Metering Mode) button repeatedly until the desired mode is selected.



: Multi

Determines the exposure based on the brightness of the entire image.

: Center

Determines the exposure based on the brightness of the center of the image.

: Spot (only for still image)

Measures only the brightness of a part of the subject.

Set the position of + (Spot metering cross hairs) to the part that you want to measure the brightness in the image.

- You can select the metering mode only when [Face Detection] is set to [Off] (page 29).